

Portland Harbor Superfund Stakeholders Meeting

Monday November 24, 2014

11:00 am – 12:30 pm

Oregon State Office Building, Room 1A
800 NE Oregon St. Portland Oregon 97232

Agenda:

- Rep. Earl Blumenauer (OR-03) welcomes attendees to the November 24th, 2014 Portland Harbor Superfund Stakeholders Meeting
- Rep. Blumenauer invites Senator Jeff Merkley (OR) and Rep. Suzanne Bonamici (OR-01) to make opening comments
- Rep. Blumenauer introduces Oregon Governor John Kitzhaber
- Governor John Kitzhaber speaks about the roles of the State of Oregon in the Portland Harbor Superfund site.
- Rep. Blumenauer introduces Dennis McLerran, EPA Regional Administrator for Region 10
- EPA Regional Administrator Dennis McLerran gives brief update on the Superfund cleanup along with Region 10 staff
- Governor Kitzhaber introduces Dick Pedersen, Director of Oregon's Department of Environmental Quality
- Oregon DEQ Director Dick Pedersen provides an update on the control of upland sources of containments to the Portland Harbor Superfund site
- Stakeholders are invited to participate in open discussion, propose questions, and offer comments.

Last	First	Organization
Abel	Kali	Gallatin Public Affairs
Abrams	Mary	Oregon Department of State Lands
Aguilar	Jose	Corps of Engineers
Ali	Faduma	Groundwork Portland
Bauer	Gary	NW Natural
Bonamici	Suzanne	US House of Representatives, <i>Dem Leader of Subcom on NW Env</i>
Brice	Kevin	Corps of Engineers
Cohen	Cassie	Groundwork Portland
Cunninghame	Brian	Confederated Tribes of Warm Springs
de Ridder	Scott	Calbag Metals
Deetz Silvia	Debbie	EVRAZ
Finn	Rick	Port of Portland
Fish	Nick	Portland City Council
Hamilton	Jessica	Port of Portland
Horvath	Kelli	Office of Suzanne Bonamici
Imeson	Tom	NW Natural
Isselmann	Jack	Greenbrier Companies
Kantor	Gregg	NW Natural
Karnosh	Michael	Grande Ronde Tribe
Kotek	Tina	Oregon State Legislature (<i>representative</i>)
McLerran	Dennis	EPA, Region 10
Melcher	Curt	Oregon Department of Fish and Wildlife, <i>Interim Dir. since Sept</i>
Merkley	Jeff	US Senate
Oken-Berg	Jake	US Senator Jeff Merkley
Peden	Greg	Gallatin Public Affairs
Pedersen	Dick	Oregon DEQ
Pellegrino	Martha	City of Portland - Office of Government Relations
Perris	Jim	Calbag Metals
Pigsley	Dee	Confederated Tribes of Siletz Indians
Pyle	Donald	Oregon Department of Justice
Rasmussen	Kristin	Office of Suzanne Bonamici
Robinhold	Curtis	Port of Portland
Robinson	Jim	
Rosenblum	Ellen	Oregon Department of Justice
Ryan	Bill	Aquatic Resource Management
Sallinger	Bob	Audubon Society of Portland
Silvia	Kathryn	The Zidell Companies
Sprott	Alan	Vigor Industrial
Weis	Julie	Siletz Tribe
Williams	Travis	Willamette River Keeper
Woolford	Jim	Office of Superfund Remediation and Technology Innovation
Wyatt	Bill	Port of Portland

Josh Alpert, City
(7)

Position

Director of Environmental Strategies
Director of Environmental Strategies
Colonel Commander
Portland Harbor Community Organizer
Director of Gov. and Comm. Affairs
Congresswoman
Deputy District Engineer
Executive Director

Environmental Compliance Director
Environmental Specialist
Federal Affairs Manager
Commissioner
Superfund Program Manager
Staffer
Vice President of Public Affairs
Vice President
President
Ceded Lands Program Manager
Speaker of the House
Regional Administrator
Interim Director
Senator
Business Liason

Director
Vice President
Tribal Chairman
Sr. Assistant Attorney General
Staffer
Deputy Executive Director

Attorney General
Assistant Director
Conservation Director
General Counsel
Vice President
NRDA Chair
Executive Director
EPA
Executive Director



Portland Harbor Superfund Site

Project Status Update

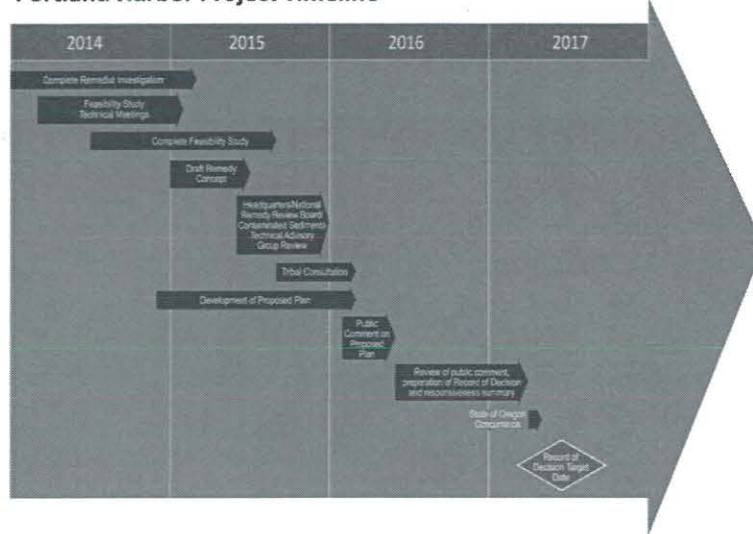
EPA, Region 10

November 24, 2014

Portland Harbor Superfund Milestones



Portland Harbor Project Timeline



NPL
 Nat'l Pozzani's legacy
 Will Shantz
 NYT Crossword editor



Portland Harbor Site Status

Two Early Actions Complete:

- Gasco Tar Removal
- Port Terminal 4 project

APPROVED!!!!

- Baseline Human Health Risk Assessment
- Baseline Ecological Risk Assessment

Under Joint EPA/LWG Development

- Remedial Investigation
- Feasibility Study

Source control

Much work has been done on the site

Source control underway, state lead, state will cover that today..

Under EPA's oversight,

Including two early actions – Gasco tar removal and the Port's terminal 4 project

lots of process
investigation
major
infrastructure
projects
done
progress

The Baseline HH and Eco Risk assessments are complete – and conclude that cleanup action is necessary under the Superfund law

Continue to work on the scientific documents that are needed to evaluate and support our cleanup decisions

RI – nature and extent of contamination – nearly complete – have one dispute but expect all issues to be resolved by end of this calendar year

FS - to next slide



Next Steps

Feasibility Study

- Comparative analysis of alternatives
- Provides basis for Proposed Plan

National Remedy Review Board

Consultation with Tribal Governments on Proposed Plan

EPA Proposed Plan for public comment

Record of Decision

*State
Concurrence*

Feasibility study – describes cleanup goals and objectives, lays out cleanup options, provides a comparative analysis of alternatives in line with CERCLA nine criteria as required by law and guidance

Next step NRRB – initial cleanup proposal where involved stakeholders provide their comments – targeting end of 2015

EPA considers NRRB and other comments, develops PP

Consults with Tribes on PP

State Concurrence

PP goes out for public comment, EPA reviews comments and makes cleanup decision

Also provides response to comments

*Seek State Concurrence
on ROD -
target date 2017*



EPA Review of Feasibility Study

EPA conducted independent evaluation of some key portions of the draft FS in 2013

- Fate and transport modeling
- Monitored natural recovery
- Dredging impacts/sequencing
- Site wide vs. localized focus
- Appropriate mix of technologies

Focus right now on RI, and FS



Would like to address a concern we have heard about the FS – why is EPA revising the document

Answer is – to address key technical issues in the document – EPA conducted an independent evaluation of the draft FS provided by the LWG , and found that there were some areas where we could not agree with the approach.

These are the key issues; Fate and transport modeling
Monitored natural recovery
Dredging impacts/sequencing
Site wide vs. localized focus
Appropriate mix of technologies

Working closely with MOU partners and LWG to modify the document –

LWG has been providing additional support in this process – ex modifying tables, data

evaluation



Key Decisions for Cleanup Plan

Areas where active vs passive cleanup methods will be applied

- Dredging
- Capping
- Treatment - in place or after dredging
- Innovative Technologies
- Monitored Natural Recovery
- Enhanced Monitored Natural Recovery

Disposal facilities (confined onsite vs. offsite)

Cleanup levels

As we evaluate alternatives and come up with the cleanup plan,
These are some of the key decisions we have in front of us.

Areas where active vs passive cleanup methods will be applied

Dredging

Capping

Treatment - in place or after dredging

Innovative Technologies

Monitored Natural Recovery

Enhanced Monitored Natural Recovery

Disposal facilities (confined onsite vs. offsite)

Cleanup levels



EPA works closely with...

- MOU Partners
 - State of Oregon
 - Tribal Governments
 - Other State and Federal agencies
- Lower Willamette Group
- Citizen's Advisory Group and other community groups
- Other federal, state and local agencies

We want to emphasize the importance of all of the interested parties in the Superfund process.

Many important decisions ahead —



Portland Harbor EPA Contacts/Additional Information

<u>CONTACT</u>	<u>TITLE</u>	<u>PHONE #</u>
Kristine Koch	RI/FS Project Manager	(206) 553-6705
Sean Sheldrake	FS/Early Action Project Manager	(206) 553-1220
Rich Muza	Source Control Project Manager	(503) 326-6554
Lori Cora	Site Attorney	(206) 553-1115
Alanna Conley	Public Affairs Coordinator	(503) 326-6831

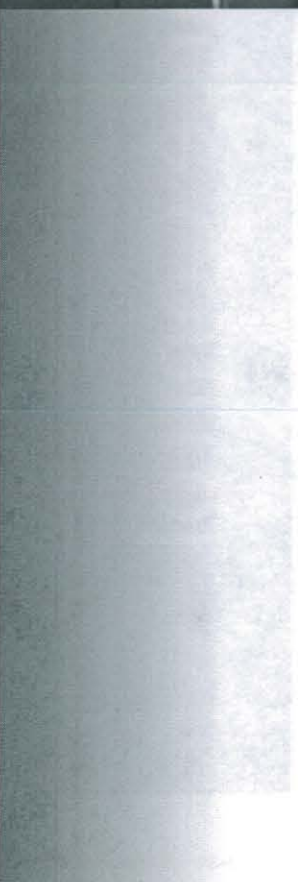
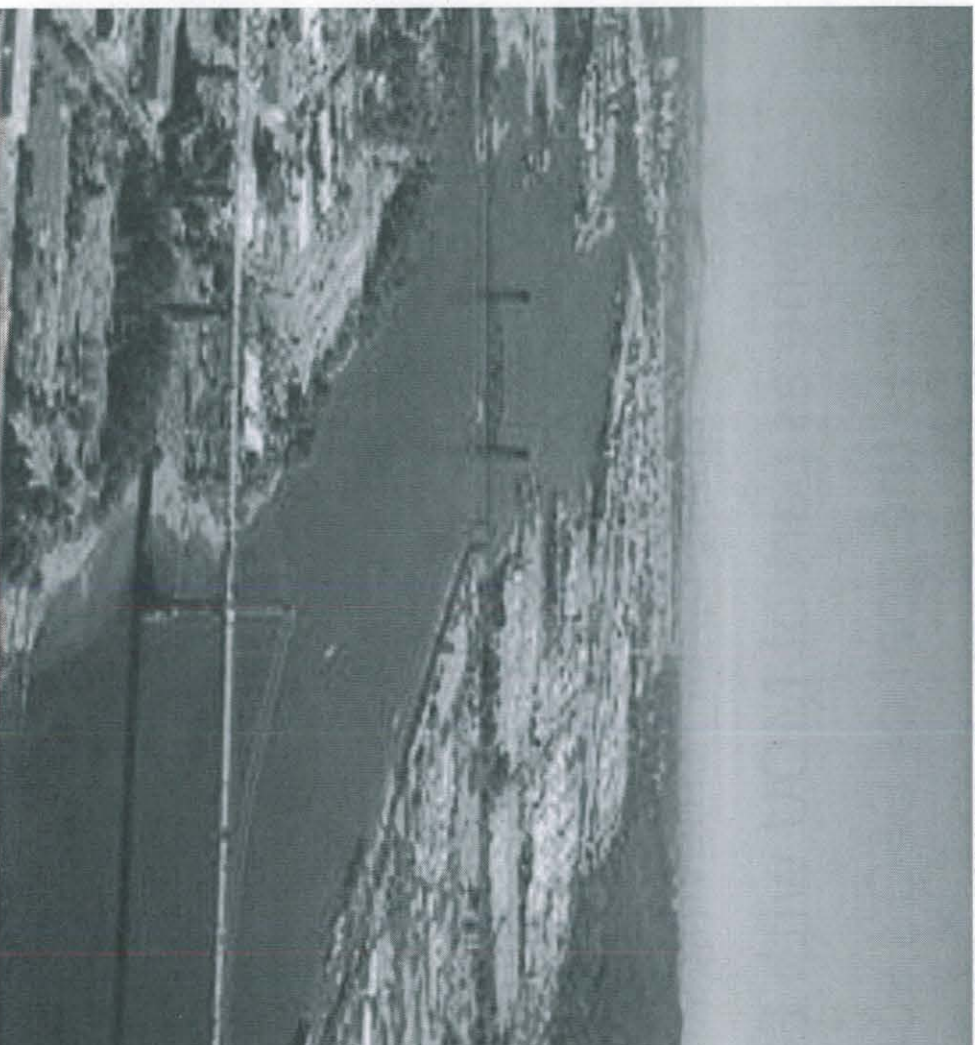
<http://www.epa.gov/Region10/PortlandHarbor>
<http://www.lwgportlandharbor.org>

DEQ Portland Harbor Upland Source Control Status

November 24, 2014

Presented by:

Keith Johnson, Cleanup Program
Manager





What is Source Control

2

What is “source control”?

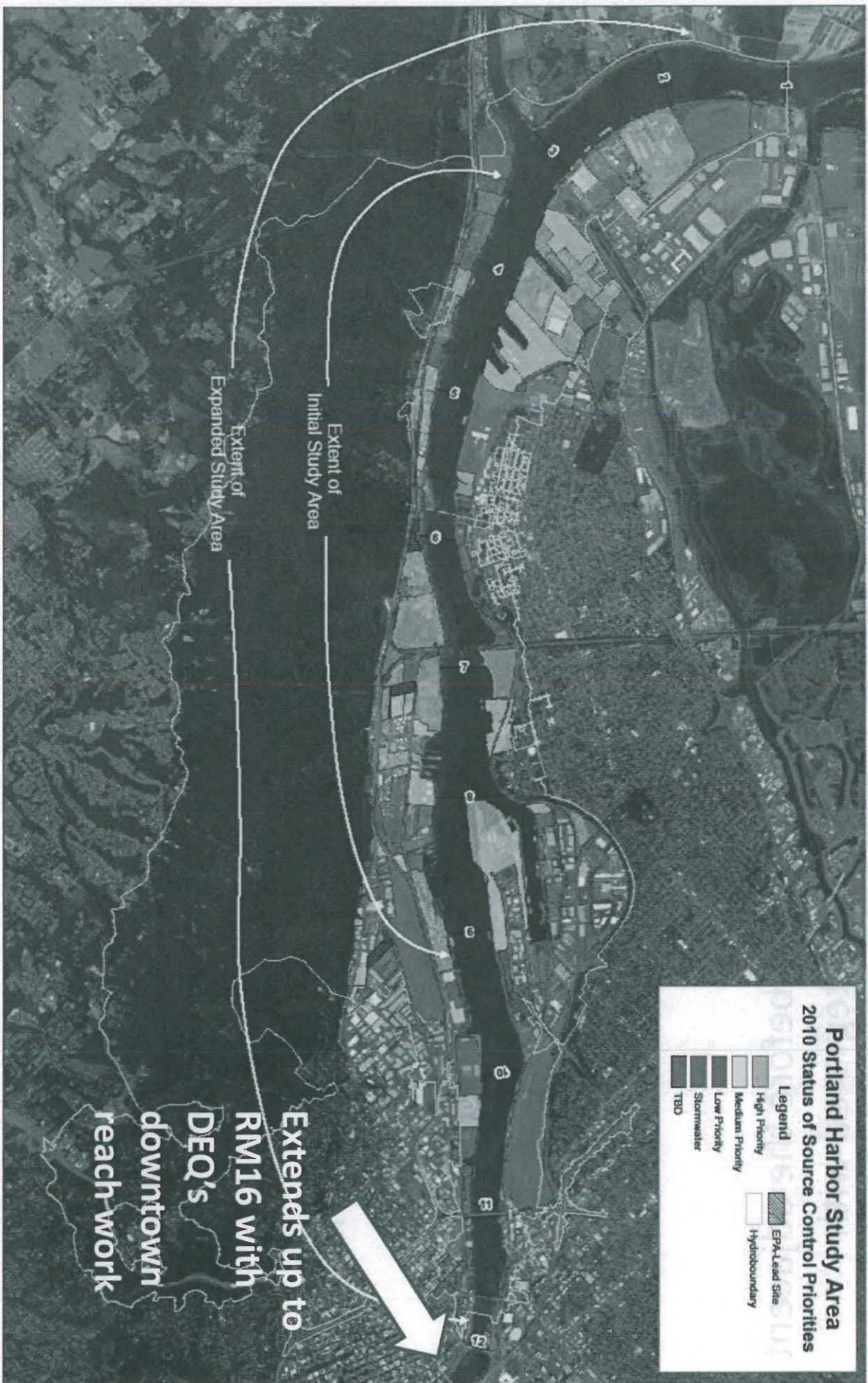
- Cleaning up soils and banklines near the river
- Cutting off/treating contaminated groundwater
- Cleaning up or removing stormwater discharges

Done as part of MOU with EPA and Partners

What is the goal of DEQ’s source control work?

- Eliminate active discharges to the river
- Ensure future cleanups do not become recontaminated
- Protect river-related receptors

Current Source Control Scope





Relationship to the EPA Cleanup

4

Work is collaborative

- MOU identifies roles for EPA and partners review and support
- Informed by and coordinated with progress and information from EPA-led work in the river
- Work is paid for and performed by parties in Harbor under voluntary and enforceable orders

Timing is Everything

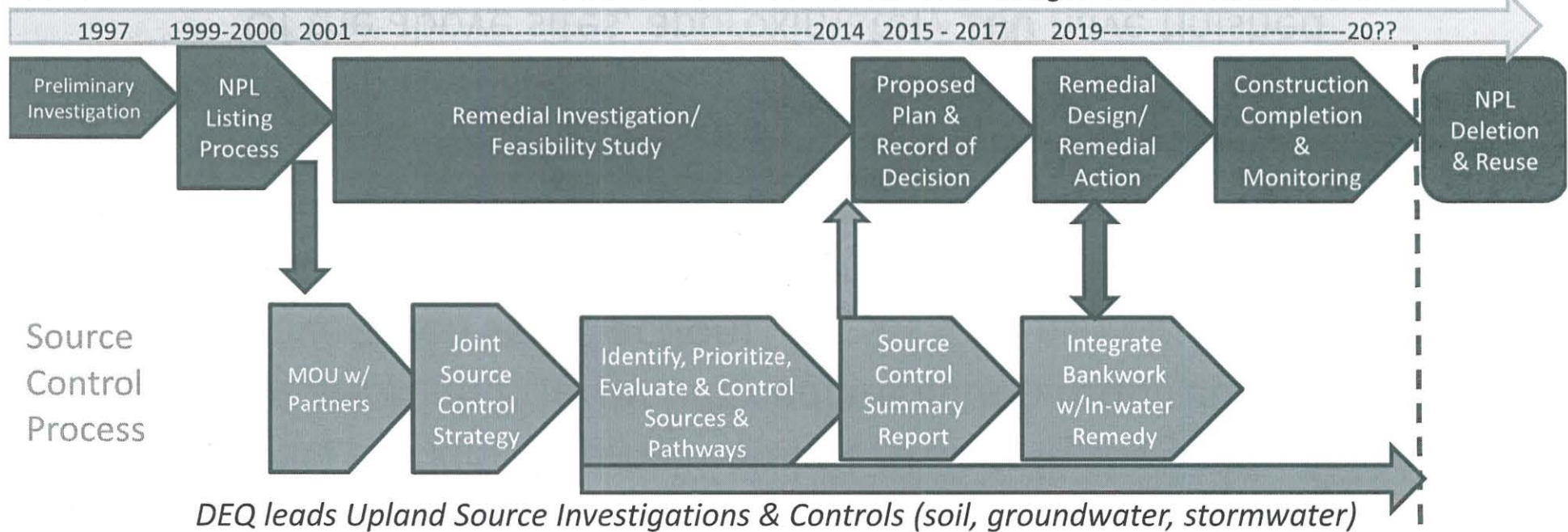
- Source control work must be complete before the adjacent sediment cleanups (or in some cases integrated with sediment cleanups)



In-Water and Upland Source Control Schedules

CERCLA Process

EPA leads In-Water Sediment Investigation & Remedial Action

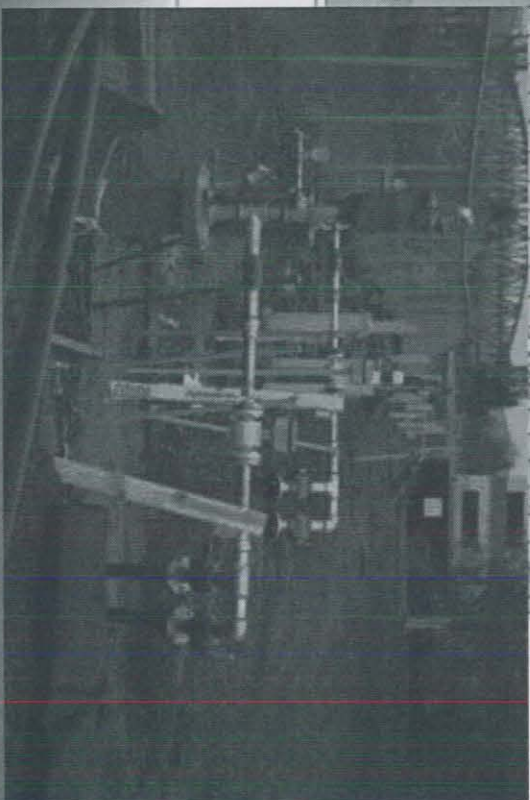


Status of Source Control Work

- DEQ tracking approximately 170 sites in the Study Area
- 14 are High Priority (immediate action required) and all have taken some action;
- Approximately 40 are Medium Priority (moderate risk and/or need more information)
- 120 are Low Priority (cleanup already, no pathway or no reason to suspect)
- Of the above sites, approximately **100** have finished source control efforts or were determined not to be a source.
- Remaining **70** sites are underway or nearing completion of source control activities

Arkema Groundwater Barrier Wall Installation



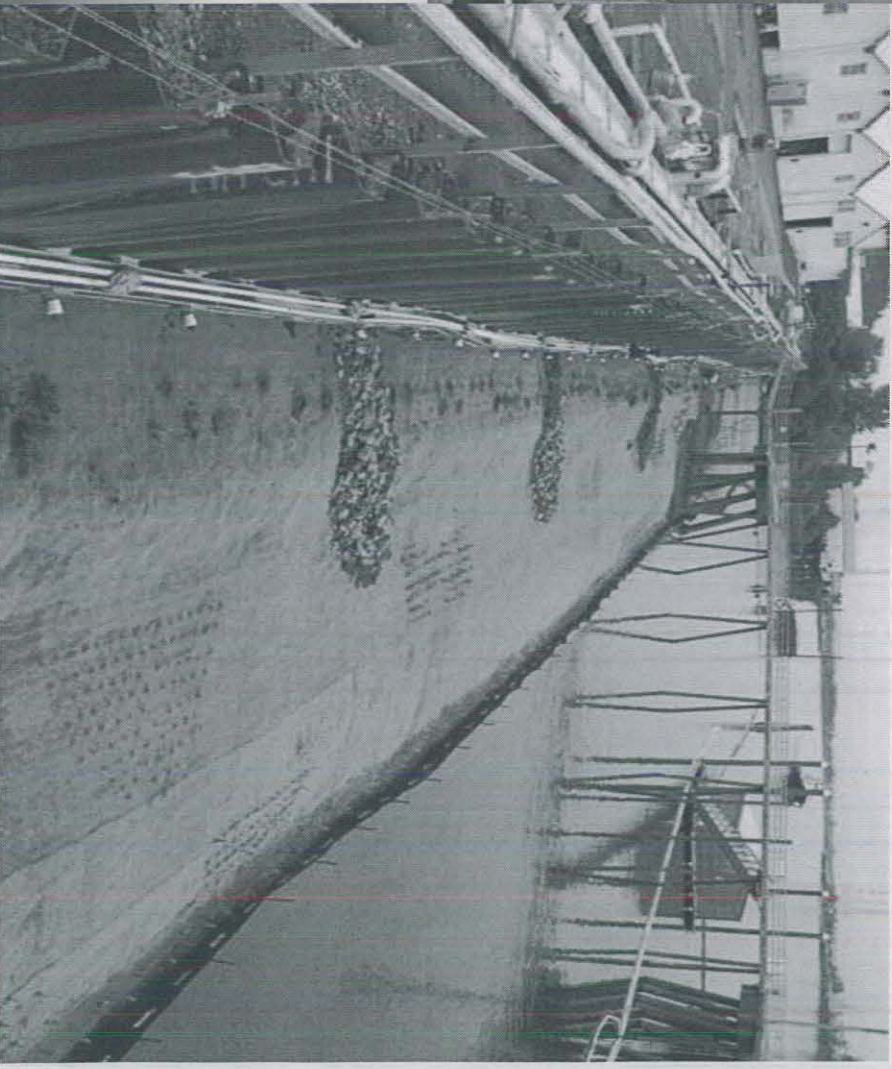
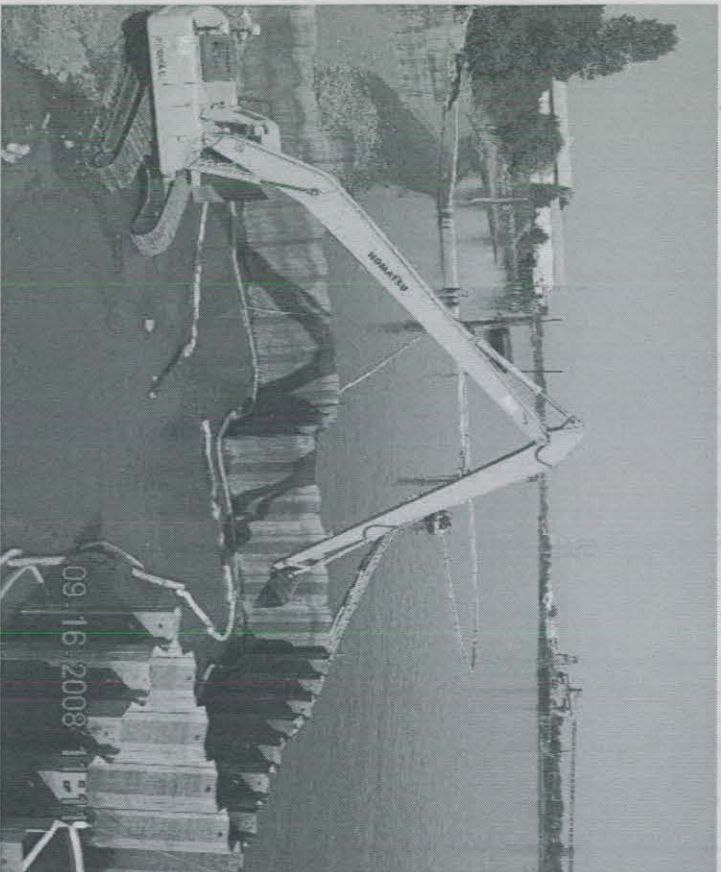


City of Portland Stormwater Outfalls Investigation

Basin 44 manhole



ARCO/BP Seawall, Riverbank Source Control



Bankline Stabilization at Gunderson



Source Control and Cleanup in the Downtown Reach

Figure 4.7





Downtown Reach conclusions

1. The most contaminated sites have been identified and cleanups completed or underway
2. No significant on-going upland sources
 - Contaminated sediment is primarily the result of historical releases
 - Majority of municipal stormwater draining to this reach has been redirected to the Columbia Blvd Treatment facility
3. Contamination is small relative to PH
4. Area is not a recontamination threat to PH and should not delay remedy implementation



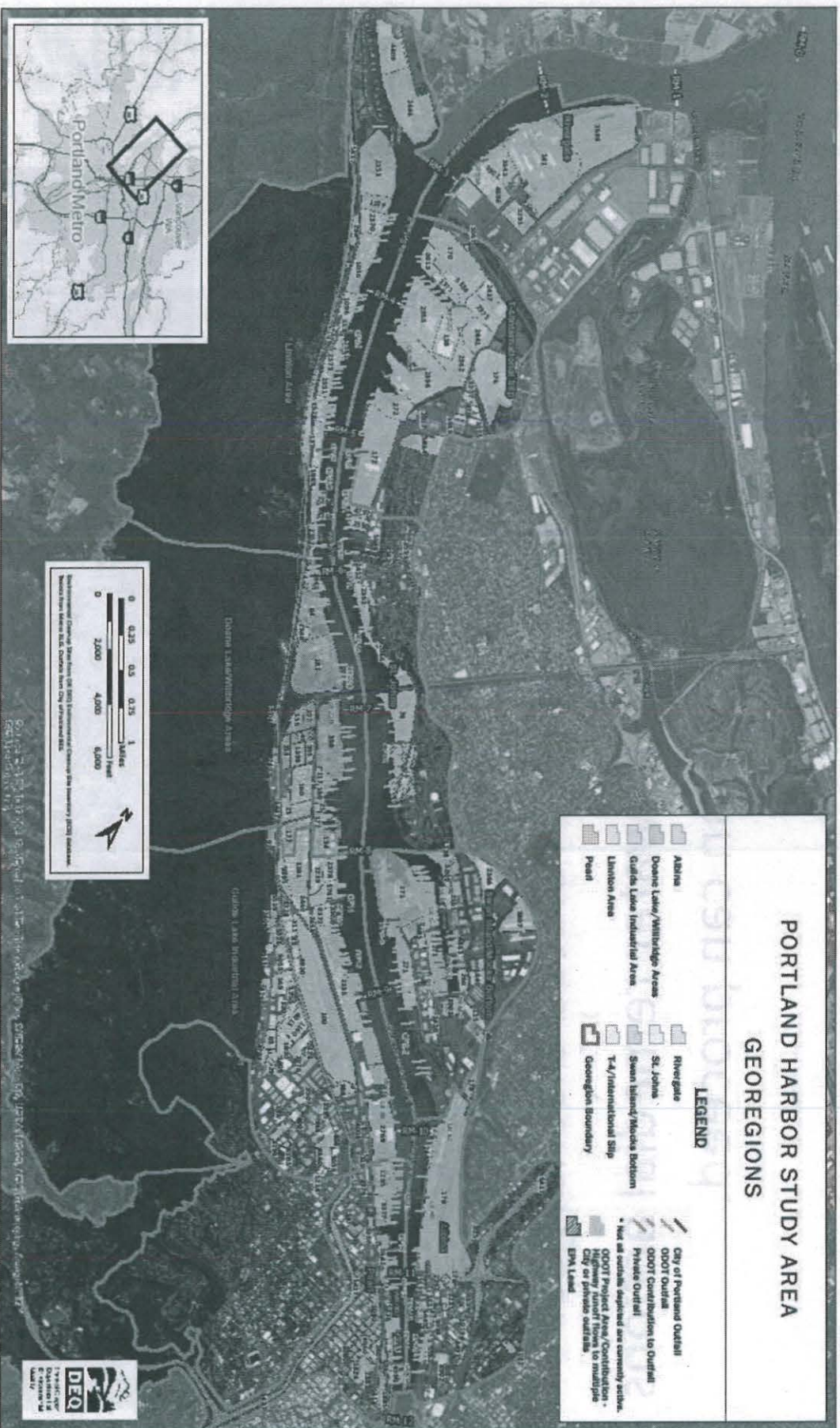
DEQ's Source Control Summary Report

14

- Delivered to EPA on Friday November 21st
- Identifies all work in progress, sources controlled and uncontrolled, and anticipated future work
- Organized by geographic regions
- Discusses potential for recontamination from all pathways to the river
- Effectiveness measures and schedules identified
- Will be available on DEQ's website

Geographic Regions

Figure 4.5.a





DEQ's Source Control Summary report conclusions

16

- Source control efforts (including future planned actions) in and upstream of the study area will prevent sediment recontamination and unacceptable risk to receptors from upland-related discharges.
- Implementation of future in-water remedial actions called for in EPA's cleanup plan can proceed.

Priorities and Next Steps

17

- Continue working with all parties in the Study area and downtown reach to substantially control all sources before issuance of ROD
- Significant public involvement and outreach program to begin early 2015
- Continue to collaborate with EPA and partners on information needed for Proposed Plan and recontamination evaluation
- Design and implement cleanups at remaining downtown reach sites



Questions?

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For more information regarding DEQ source control efforts, please contact:

Keith Johnson, DEQ Cleanup program manager

503-229-6431

Johnson.keith@deq.state.or.us

Or

Matt McClincy, DEQ Source Control Coordinator

503-229-5538

McClincy.matt@deq.state.or.us

Cohen, Lori

From: Levine, Carolyn
Sent: Thursday, December 05, 2013 9:40 AM
To: Cohen, Lori; Albright, Rick; Woolford, James; Yamamoto, Deb; Deitz, Randy
Cc: Schuster, Cindy
Subject: FW: followup to December 3 meeting re: Portland Harbor Superfund site

Hi all,

Here is the note I sent to Congressional staff.

I did not cc: you all so that this note is less "official" if forwarded, and also to try to route all inquiries through Cindy and me.

Thanks everyone for your input and assistance! We will let you know if there is any followup.

Carolyn Levine
Office of Congressional and Intergovernmental Relations
U.S. EPA
(202) 564-1859
levine.carolyn@epa.gov

From: Levine, Carolyn
Sent: Thursday, December 05, 2013 12:38 PM
To: 'Deveny, Adrian (Merkley)'; 'jake_oken-berg@merkley.senate.gov'; 'andre_nakazawa@wyden.senate.gov'; 'stephanie.phillips@mail.house.gov'; 'hillary.barbour@mail.house.gov'; 'eric.ffitch@mail.house.gov'
Cc: Schuster, Cindy
Subject: followup to December 3 meeting re: Portland Harbor Superfund site

It was a pleasure meeting or talking to you all during our call on Tuesday, December 3 regarding the Portland Harbor Superfund site. Cindy Schuster from EPA R10 and I thought it would be helpful to summarize some key points from the meeting. As Region 10 continues to manage the Portland Harbor project, Headquarters will be available to provide assistance by reviewing key project milestones.

Development of the Proposed Plan

- EPA has added technical capabilities and management attention from the Region 10 office and from the EPA Headquarters Office of Superfund Remediation and Technology Innovation (OSRTI) to help support ongoing site efforts.
- Regular Executive Meetings between EPA, the Lower Willamette Group and the state of Oregon, will provide be opportunities for the Lower Willamette Group to provide their views and concerns to senior leadership in both EPA Region 10 and headquarters.
- OSRTI will participate in the National Remedy Review Board /Contaminated Sediments Advisory Group which will review the proposed remedy as well as review concerns raised by the state, Tribes and the LWG. This information will help inform the agency's Proposed Plan for cleanup.

Schedule

The Remedial Investigation (RI) is planned for completion in the summer 2014. The Feasibility Study (FS) will be revised in 2014 and will support the development of a Proposed Plan for cleanup. In summer 2014, the agency will share its initial conceptual approach for cleanup with the Tribes, state and the LWG as part of EPA's National Remedy Review Board process. The parties will have this early opportunity to comment on EPA's approach. In 2015, the agency plans to formalize its Proposed Plan and provide an opportunity for public comment.

Please let us know if you have any questions or would like additional details regarding the status of the Portland Harbor project. We believe your feedback from the meeting will help us as we continue our site efforts. Thank you.

Carolyn Levine, Team Leader, HQ Office of Congressional and Intergovernmental Relations

Cindy Schuster, Region 10 Congressional Coordinator

Carolyn Levine
Office of Congressional and Intergovernmental Relations
U.S. EPA
(202) 564-1859
levine.carolyn@epa.gov


Portland Harbor Stakeholders Meeting

May 1, 2013 Working Agenda

8:30-10:30 am, State Office Building, Room 1D (800 NE Oregon)

- | | | |
|------|--|----------------------------|
| I. | Welcome and introductions | Congressman Blumenauer/All |
| II. | Reality Check Discussion | All |
| III. | Updated schedule for the RI, FS and ROD | EPA |
| IV. | EPA Presentation of Risks at the Site
(risk assessment, findings, why action is needed at site) | EPA |
| V. | Presentation of RI Findings and Cleanup Options | EPA |

Portland Harbor Superfund Site Project Status Update



Kristine Koch
Chip Humphrey
EPA, Region 10

Bob Wyatt
Jim McKenna
DNR

May 1, 2013

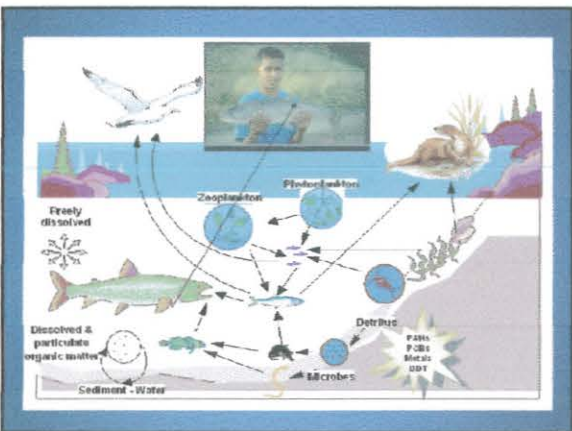


Portland Harbor Site Status – RI/FS

- APPROVED!!!!
 - Baseline Human Health Risk Assessment
- Under EPA Review
 - Baseline Ecological Risk Assessment
- Under Joint EPA/LWG Development
 - Remedial Investigation
 - Feasibility Study

Baseline Risk Assessments

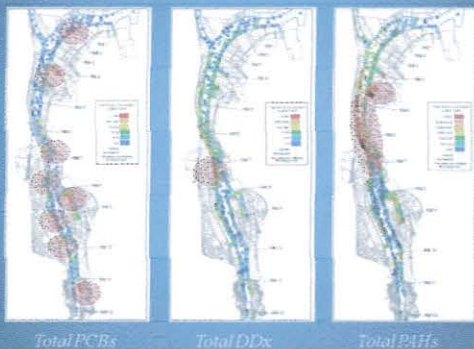
- Human Health Risk Assessment
 - Approved April 4, 2013
 - Key findings
- Ecological Risk Assessment
 - LWG submitted draft Final April 1, 2013
 - Status of EPA Review
 - Key findings



Key RI Findings

- Studied physical, chemical and biological aspects of Study Area
- Identified relationship between sediment, surface water, tissue and upland sources
- Contamination generally higher in deeper sediments than surface layer
- Contamination generally higher near shore than in navigation channel
- Natural recovery occurring mainly because cleaner sediment from upriver is moving into the harbor
- Sediments contaminated mainly from historical use of river
- Ongoing sources of contamination still exist within and upstream of the study area

Examples of Contaminant Distribution



Process to Complete RI

- EPA/LWG are working together to finalize text
 - Refining to support Proposed Plan
 - Key findings will not change
- Final expected in Spring 2014
 - EPA/LWG resolution of text – Fall 2013
 - LWG production/EPA approval

Feasibility Study

- Develop cleanup alternatives
- Evaluate alternatives using 7 of 9 NCP criteria
- Comparative analysis of alternatives
- Provides basis for Proposed Plan

Cleanup Methods

Combinations of methods used in different areas of the Site

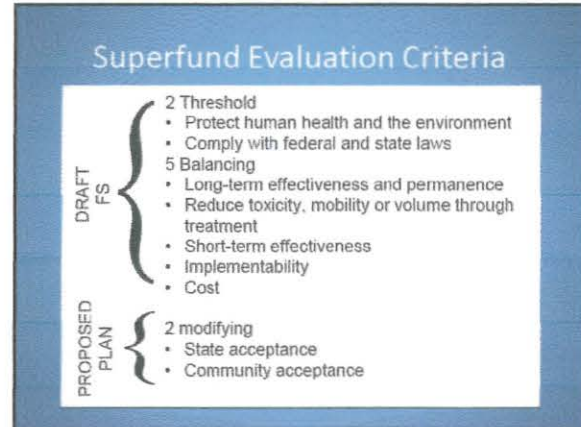
- Dredging
- Capping
- Treatment - in place or after dredging
- Innovative Technologies
- Monitored Natural Recovery
- Enhanced Monitored Natural Recovery

Cleanup Methods



Draft Feasibility Study Options

- Eleven alternatives
 - No Action (required by law to evaluate)
 - 5 are removal focused (dredging)
 - 5 are integrated (still involve significant dredging)
- Assumes sources will be controlled



- ### EPA Review of Final FS
- EPA is conducting independent evaluation of some key portions of the draft FS
 - Fate and transport modeling
 - Monitored natural recovery
 - Dredging impacts/sequencing
 - Site wide vs. localized focus
 - Appropriate mix of technologies

- ### Process to Complete FS
- EPA/LWG are working together to finalize document
 - Refining to support Proposed Plan
 - Final expected in Spring 2014
 - EPA and LWG workgroups will focus on specific modifications to the current document
 - Resolve technical issues by end of 2013
 - LWG production/EPA acceptance

- ### Key Decisions for FS/ROD
- Disposal facilities (confined onsite vs. offsite)
 - Cleanup levels
 - Active vs. passive cleanup methods

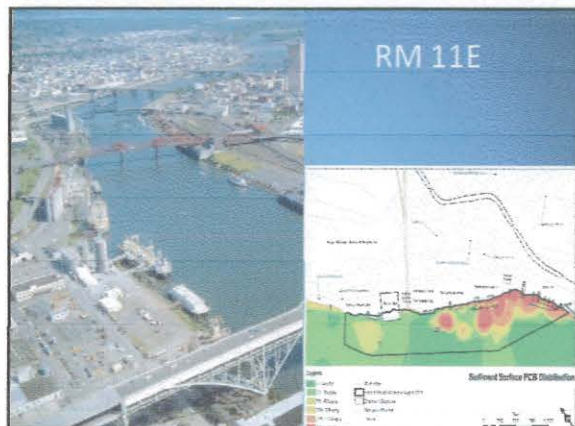


Portland Harbor Contacts/Additional Information

CONTACT	TITLE	PHONE#
Chip Humphrey	RI/FS Project Manager	(503) 326-2678
Kristine Koch	RI/FS Project Manager	(206) 553-6705
Sean Sheldrake	Early Action Project Manager	(206) 553-1220
Rich Muza	Source Control Project Manager	(503) 326-6554
Lori Cora	Site Attorney	(206) 553-1115
Alanna Conley	Public Affairs Coordinator	(503) 326-8831
Bob Wyatt	LWG Chair	(503) 226-4211
Jim McKenna	LWG Senior Consultant	(503) 477-5593

Other Recent Site Activities

- Major source control work underway at Arkema, Gasco
- Stormwater contaminant level reductions
- DEQ has completed several source control decisions with more in the hopper
- RM 11E AOC recently signed



Post ROD Considerations

- PRP Negotiations/Sequence of cleanups
- Detailed remedy designs
- Availability of contractors and equipment
- Resolution of disposal opportunities
- Endangered Species Act and Clean Water Act 404
- Upland sources adequately controlled

Portland Harbor Superfund Meeting
October 25, 2012

Agenda

- | | |
|------------|---|
| 8:00-8:10 | Welcome, introductions, opening remarks from elected officials and EPA
Elected officials and Dennis McLerran, EPA Region X Administrator |
| 8:10-8:30 | EPA Powerpoint—Clean Up Overview and Process
Kristine Koch and Chip Humphrey, EPA |
| 8:30-9:00 | Questions/Discussion
All |
| 9:00-9:15 | RiverMile 11 Initiative
Portland Mayor Sam Adams and Commissioner Amanda Fritz |
| 9:15-9:30 | Questions/Discussion
All |
| 9:30-10:00 | Next steps and wrap up
All |

Portland Harbor Superfund Site

Project Status Update

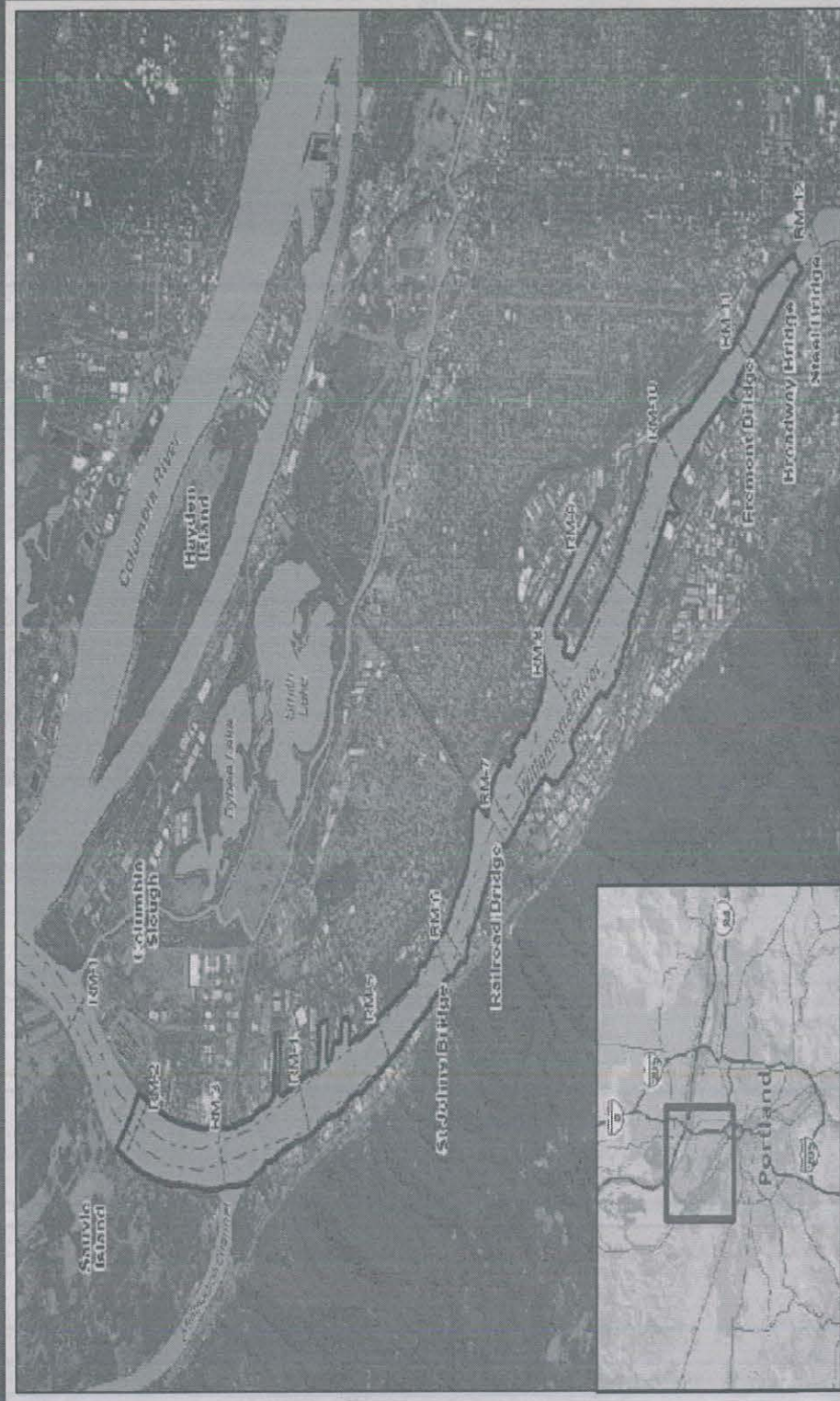
Kristine Koch

Chip Humphrey

EPA, Region 10

October 25, 2012

Portland Harbor Superfund Site



Portland Harbor Challenges

- Large site at bottom of large watershed
- Dynamic river system
- Large number of sources and source types
- Technically complex
- Large number of PRPs and MOU partners
- Regulatory complexity - ESA listed receptors
- Integration of RI/FS with source control, early actions and NRDA, WQ authorities and USACE
- Background contamination may prevent achievement of some RAOs
- Managing uncertainty

What's happened so far?

2001 - Present

Portland Harbor named Superfund Site 12/2000

Oregon DEQ leads Uplands cleanup

US EPA leads River & Sediment cleanup

Public and Industry get Involved

Citizen Advisory Group Formed

Lower Willamette Group Formed

Sampling, Testing & Analysis

Consultants paid for by LWG

Upland Source Control

Control of Significant sources before ROD

Early Cleanup Actions

McCormack & Baxter, Terminal 4, Gasco, Arco/BP

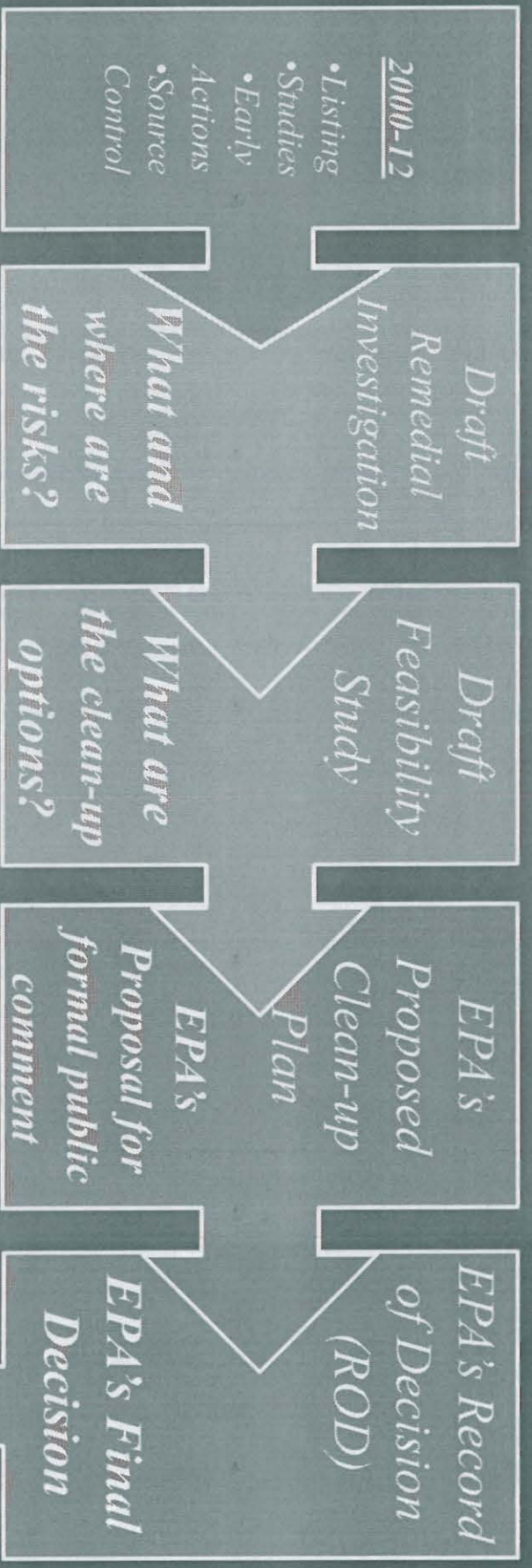
Portland Harbor Site Status

- Documents Under Review by EPA
 - Revised Baseline Human Health Risk Assessment - May 2011
 - Revised Baseline Ecological Risk Assessment - July 2011
 - Revised Remedial Investigation Report – August 2011
 - Feasibility Study – March 2012

BHHRA Dispute Process

- Informal Dispute Resolution
 - July 23-Sept 14, 2012
- Formal Dispute
 - Initiated Sept 17, 2012
 - LWG submitted dispute position Sept 21, 2012
 - EPA submitted rebuttal October 12, 2012
 - LWG submitted rebuttal October 24, 2012
 - Oral arguments November 1, 2012
- Final Decision made by EPA Office Director

Portland Harbor Superfund Milestones



What and where are the risks?

What are the clean-up options?

EPA's Proposal for formal public comment

• Tribal Consultations

• EPA comments & revisions to RI/FS

• State Concurrence

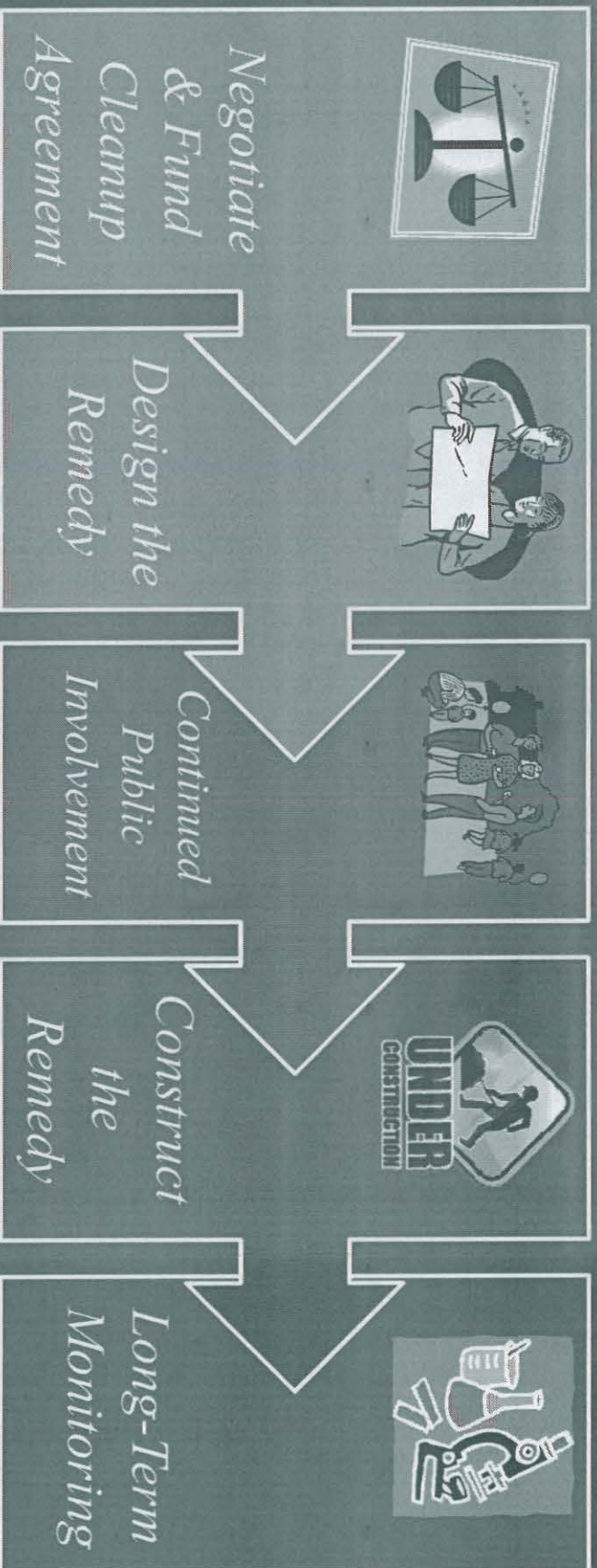


Next Steps

- Finalize RI/FS - 2013
- EPA prepares Proposed Plan – 2013
- EPA Headquarters review of Proposed Plan
- Public comment on EPA Proposed Plan
- Record of Decision
- Design of remedies - After the ROD
- Construction of remedies
 - After EPA approves post-ROD designs
 - After sources controlled

After the Record of Decision

2015 and beyond



Continuing Upland Source Control and Monitoring

Portland Harbor Successes

- Completion of early actions
 - McCormick and Baxter
 - Gasco Phase I
 - Terminal 4 Phase I
 - Arco/BP
 - Triangle Park
- Control of Upland Sources Progressing
- Completion of RI Data Collection
- Baseline fish sampling completed
- Drafts of all RI/FS reports completed

Portland Harbor Early Actions Completed

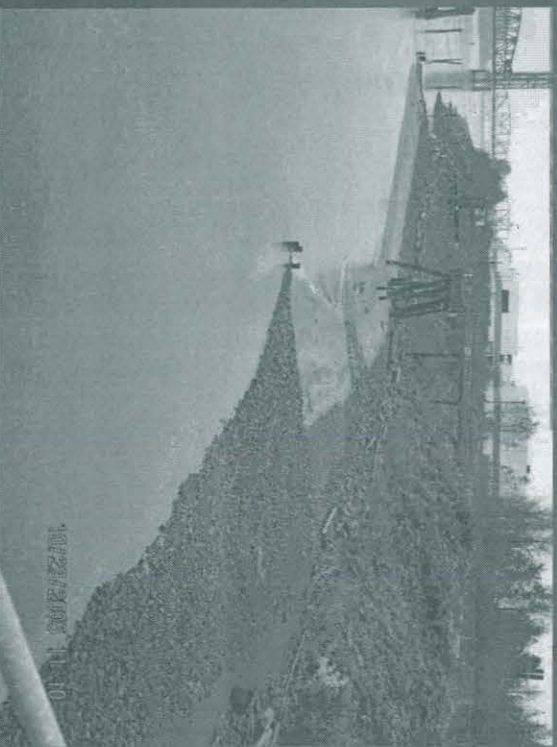
GASCO – Before



Terminal 4 – Before



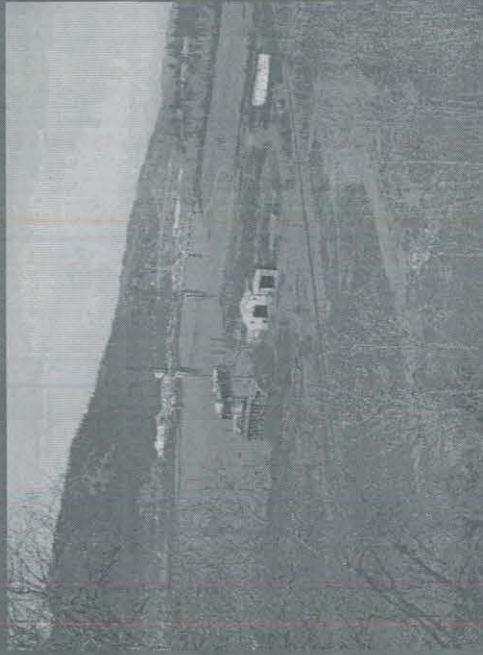
GASCO – After



Terminal 4 – After



Triangle Park Removal Action



Conclusions

- A lot of work still to be completed.
 - EPA still working toward 2013 Proposed Plan
- Issues/Processes by LWG and non-LWG parties
 - Adds time to get to proposed plan
 - Adds resources to get to a proposed plan.
- Timing of cleanup dependent on:
 - Willingness of companies/PRPs
 - Adequate/timely control of upland sources

Portland Harbor

EPA Contacts/Additional Information

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Alanna Conley	Public Affairs Coordinator	(503) 326-6831

<http://www.epa.gov/Region10/PortlandHarbor>

RSVP's for 10/25—Portland Harbor Stakeholders Meeting
Total—62, 28 principals, 34 non principals

<u>Organization/Entity</u>	<u>Participant</u>
Brattle Group	David Sunding Steve Buck
Calbag	Warren Rosenfeld
City of Portland	Mayor Sam Adams Commissioner Amanda Fritz Nils Tillstrom Jonna Papaefthimou Patti Howard Kim Kox Kurt Peterson
Confederated Tribes Of the Grand Ronde	Brian Cunninghame
Nez Perce Tribe	Erin Madden
Confederated Tribes Of the Siletz	Julie Weis
Confederated Tribes Of the Umatilla	Matt Johnson
DEQ	Nina DeConcini Jim Anderson
EPA	Dennis McLerran Rick Albright Elizabeth Allen Tony Barber Chip Humphrey Kristine Koch
Evraz Oregon Steel	Debbie Deets Silva

	Caitlin Sause
Gallatin Group	Anna Richter Taylor Jessica Moss
Greenbrier	David Harvey Jack Isselman
NOAA	Katherine Pease Ben Meyer Megan Callahan Grant
NW Natural	Gregg Kantor Bob Wyatt Gary Bauer
Oregon DOJ	Donald Pyle Jas Adams
Port of Portland	Rick Finn Krista Koehl
Portland Audubon	Bob Sallinger
Portland General Electric	Sania Radcliffe Arya Behbehani
Schnitzer Steel	Chip Terhune
Tonkon Torp	Max Miller
US ACE	Colonel John Eisenhower Kevin Brice
Vigor Industrial	Alan Sprott
Willamette Riverkeeper	Travis Williams
Zidell	Kathryn Silva

Congressman Blumenauer	Congressman Blumenauer Hillary Barbour Willie Smith
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Senator Wyden	Mary Gautreaux
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Senator Merkley	Senator Merkley Jeanne Atkins Jake Oken Berg
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Congressman Schrader	Congressman Schrader Suzanne Kunse
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Congresswoman Bonamici	Congresswoman Bonamici Natalie Sept
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Governor Kitzhaber	Richard Whitman
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State Representative	Tina Kotek
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Portland City Commissioner-elect	Steve Novick
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Cohen, Lori

From: Levine, Carolyn
Sent: Tuesday, December 03, 2013 2:03 PM
To: Schuster, Cindy; Cohen, Lori; Yamamoto, Deb
Subject: RE: Cong. participants on PH call today

I did not have Jon Dorst, unless he was on the phone. Andre Nakazawa, was in the room for Senator Wyden's office. Thanks everyone for your prep and participation! I (we) thought it went really well. Thanks Lori for your excellent summaries and responses.

Carolyn Levine
Office of Congressional and Intergovernmental Relations
U.S. EPA
(202) 564-1859
levine.carolyn@epa.gov

From: Schuster, Cindy
Sent: Tuesday, December 03, 2013 5:00 PM
To: Cohen, Lori; Yamamoto, Deb; Levine, Carolyn
Cc: Schuster, Cindy
Subject: Cong. participants on PH call today

This is my list. Does it look right?

Adrian Deveny, Legislative Assistant, Senator Merkley's D.C. office
Jake Oken-Berg, Business Liaison and Multnomah Field Representative, Senator Merkley's Portland office
Jon Dorst, Legislative Assistant, Senator Wyden's D.C. office
Stephanie Phillips, Legislative Assistant, Congressman Blumenauer's D.C. office
Hillary Barbour, Deputy District Director, Congressman Blumenauer's Portland office
Eric Ffitch, Legislative Assistant, Congresswoman Bonamici's D.C. office